United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
January 6, 2003

Mr. Bob Wardwell
Adelphi Laboratory Center
2800 Powder Mill Road
Attn: AMSRL-OP-SO-FE (Wardwell)
Adelphi, MD 20783

Dear Mr. Wardwell:

On October 9, 2002, USDA Forest Service personnel conducted a gypsy moth egg mass survey at the Adelphi Laboratory Center. The purposes of the survey were to determine gypsy moth population densities and to assess the potential for defoliation and the need for treatment in 2003.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a $1/40^{th}$ acre fixed radius plot was established. The plots consisted of a tally of all the new (2002) egg masses observed on the overstory trees, understory vegetation, ground litter and duff. The total number of egg masses observed for each plot was multiplied by 40 to determine the number of egg masses per acre.

The locations of the survey plots are shown in Figure 1. In brief, egg mass densities ranged from 0-40 and averaged 5 egg masses per acre (Table 1). Since no noticeable defoliation is expected, treatment is not recommended in 2003.

Please contact Karen Felton at (304) 285-1556 if you have any questions regarding this egg mass survey.

Sincerely,

JOHN W. HAZEL
Field Representative
Morgantown Field Office

cc: Robert Tichenor, MDA
Sally Hughes, MDA
Betsie Handley, MDA
Noel Schneeberger, AO

Enclosure

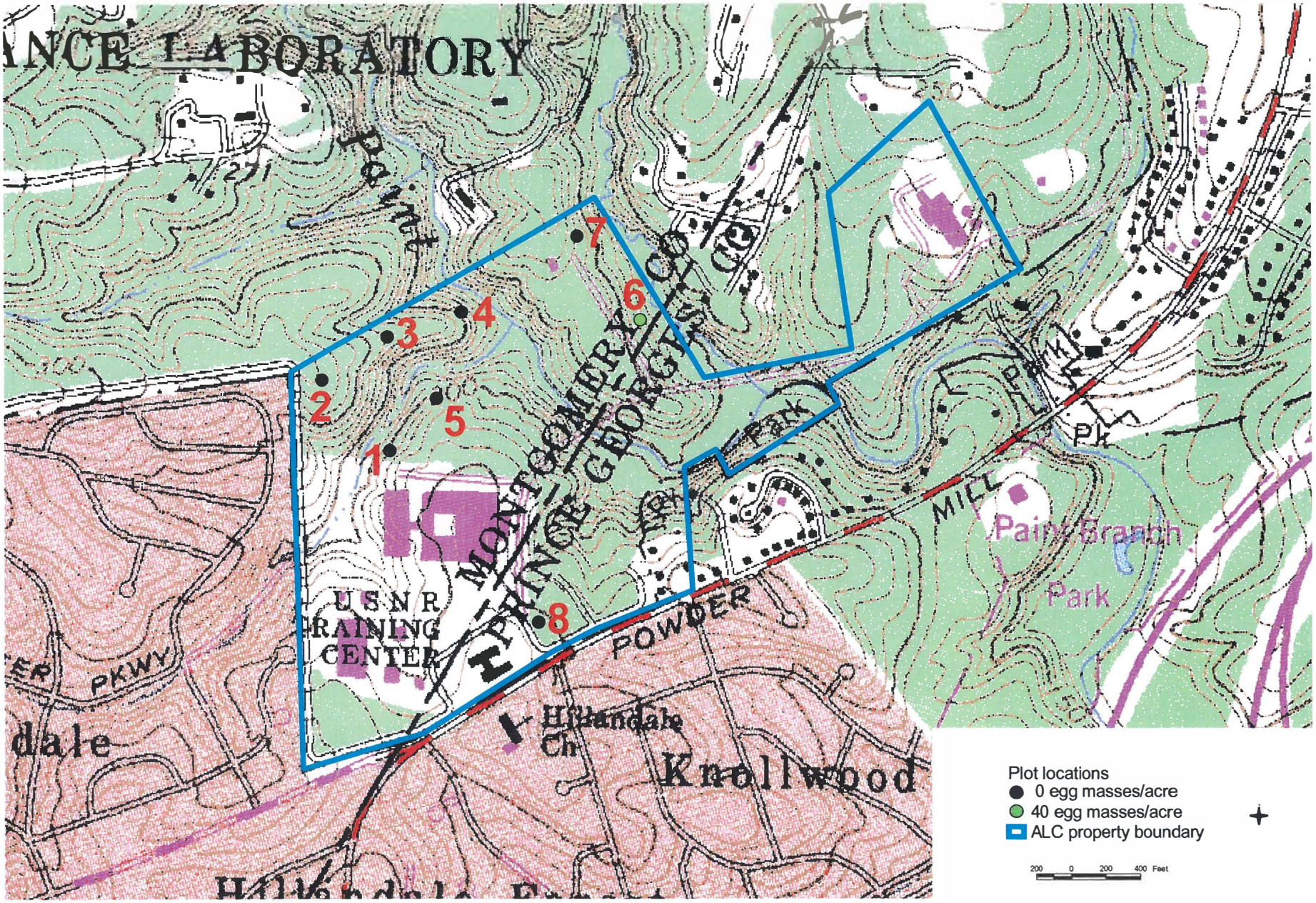
JWH/KDF/blm

Table 1. – Gypsy moth egg mass survey results at
Adelphi Laboratory Center, October 9, 2002.

Plot Number	EM/Acre
1	0
2	0
3	0
4	0
5	0
6	40
7	0
8	0

Range = 0-40 egg masses/acre
Average = 5 egg masses/acre

Figure 1.--Gypsy moth egg mass survey plot locations at Adelphi Laboratory Center, October 7, 2002.



USDA Forest Service, FHP, S&PF, NA, Morgantown, WV

12/02 KDF